



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 10/675,426 Filing Date: 09/29/2003
Applicant: Anton Elexpuru Docket No: FA039
Examiner: NGUYEN, NINH H Art Unit: 3745
Title: BIDIRECTIONAL HYDRAULIC PUMP

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION TRANSMITTAL

1. Transmitted herewith is a response to an office action for this application.

STATUS

2. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Applicant believes that no extension of time is required. However, a conditional petition is hereby made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

3. **FEE FOR CLAIMS:** The fee for claims has been calculated as follows:

Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra
Total 4	- 20	= 0
Ind. 1	- 3	= 0

No additional fee for claims is required.

4. **FEE PAYMENT:** No fee is required at this time. Authorization is hereby given to charge any required fees to deposit account number 11-1245.

5. Certificate of Mailing (37 CFR 1.8a): I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Non-Fee Amendment, P.O. Box 1450, Alexandria, VA 22313-1450.

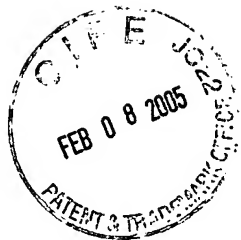
Respectfully submitted,

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RESPONSE TO OFFICE ACTION

Dear Sir:

The following is in response to the Office Action dated 11/09/2004:

AMENDMENTS TO THE CLAIMS

1 1. (Currently amended) A bidirectional hydraulic pump ~~that comprises~~ comprising:
2 a hydraulic body comprising an inlet port receiving a water flow, a first outlet port and
3 a second outlet port;
4 an impeller housed in ~~the~~ said hydraulic body which ~~causes the~~ directs said water
5 flow ~~to move in one direction or the other~~; and
6 a valve body that surrounds ~~the~~ said impeller, ~~the~~ said valve body comprising at least
7 one orifice, and said valve body being slidable on ~~the~~ an internal surface of ~~the~~ said
8 hydraulic body ~~in either one direction or the other, due to action of the~~ as directed by said
9 water flow, said valve body comprising on an inner surface at least one projection so that
10 said water flow displaces said valve body, said valve body moving between a first position
11 wherein ~~the~~ said orifice is aligned with ~~the~~ said first outlet port and a second position
12 wherein ~~the~~ said orifice is aligned with ~~the~~ said second outlet port.